Mr. Uwe R. Fritsche

Research Coordinator for Systems Analysis, Energy & Climate Division, Oeko-Institute

Uwe R. Fritsche

Staff researcher since 1984

Project manager since 1987

Head of the Energy & Climate Protection (Darmstadt) since 1991

Special Expertise

Project coordinator in national and international research groups and in inter- and transdisciplinary research projects; consultant to national government ministries and the European Commission, to NGOs, international organizations (EEA, FAO, IEA, OECD, UNEP, World Bank) and the private sector (energy utilities, banks). National team leader of the IEA Bioenergy Task 40 since 2006.

Key fields of work: Environmental issues and modelling the lifecycles of energy and material systems, especially biomass; greenhouse gas inventories, model development; regional/national/EU/global energy scenarios; internalization of external costs

Key Projects

Material flow analysis of sustainable mobility within the context of renewable energies to 2030

Create Acceptance: Cultural Influences on Renewable Energy, Acceptance and Tools for the development of communication strategies

Optimizing the sustainable expansion of biomass production and use in Germany

BioRegio: Regional biomass utilization strategies

Converting food systems (Ernährungswende) – Long-term strategies for sustainable consumption in the realm of environment-food-health

Material flow analysis of the sustainable use of biomass as energy source

Global Emission Model of Integrated Systems (GEMIS)

Process-oriented basic data records for environmental management systems (ProBas)

Professional Training and Career

1978: Abitur school leaving certificate

1978 to 1984: Undergraduate studies in Applied Physics, graduated with the title Diplom